

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080318\
 Data File : BF107967.D
 Acq On : 4 Aug 2018 5:00
 Operator : JU/SJ
 Sample : J4297-05
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-5

Quant Time: Aug 06 03:40:15 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 30 17:48:53 2018
 Response via : Initial Calibration

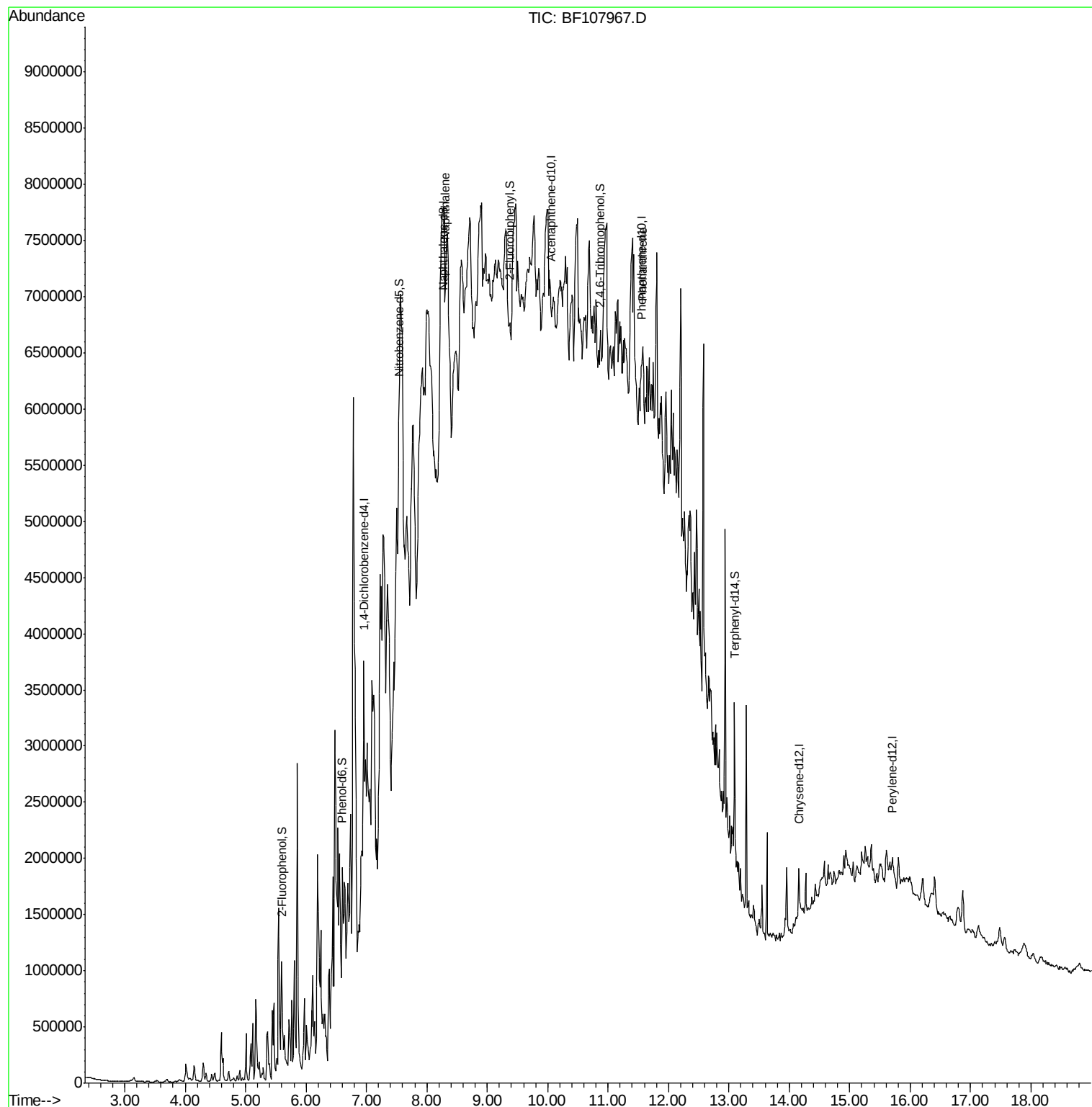
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	73981	20.00	ng	0.00
21) Naphthalene-d8	8.27	136	33248	20.00	ng	0.02
38) Acenaphthene-d10	10.06	164	95849	20.00	ng	0.05
63) Phenanthrene-d10	11.55	188	111525	20.00	ng	0.05
75) Chrysene-d12	14.16	240	254168	20.00	ng	0.00
86) Perylene-d12	15.70	264	180020	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	663489	152.42	ng	0.00
7) Phenol-d6	6.60	99	737824	128.61	ng	0.00
23) Nitrobenzene-d5	7.53	82	240868	417.36	ng	0.00
41) 2,4,6-Tribromophenol	10.85	330	86843	66.68	ng	0.05
44) 2-Fluorobiphenyl	9.36	172	391437	56.91	ng	0.04
78) Terphenyl-d14	13.10	244	783881	66.88	ng	0.01
Target Compounds						
31) Naphthalene	8.30	128	457485	296.009	ng	# 57
70) Phenanthrene	11.58	178	752026	142.011	ng	# 90

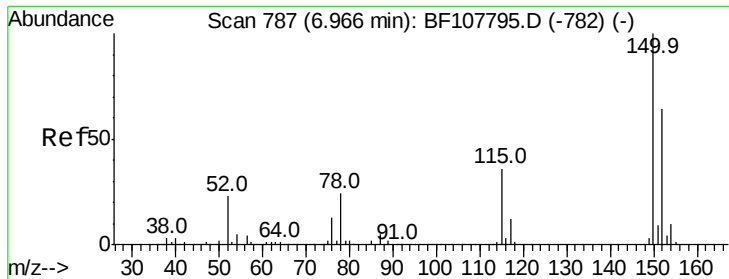
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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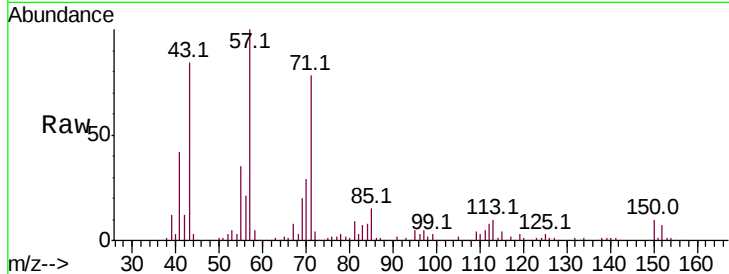


#1

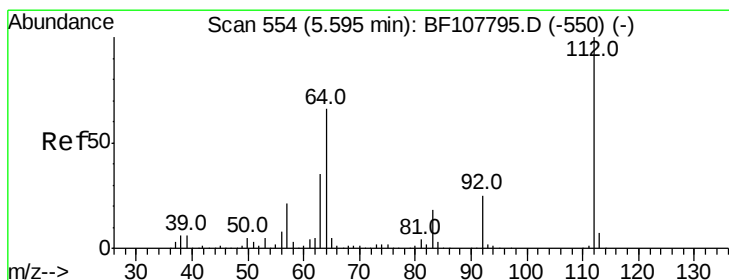
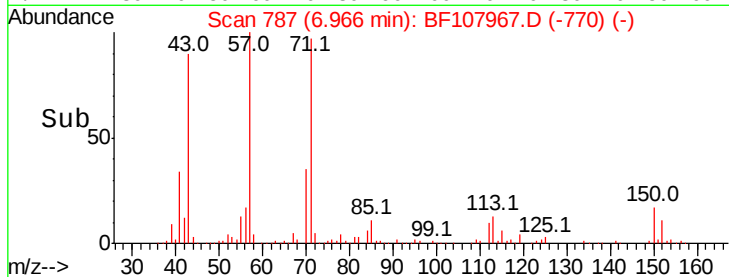
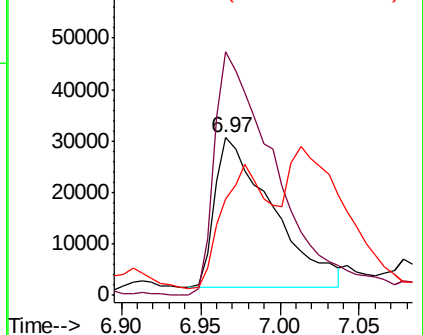
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF107967.D
Acq: 4 Aug 2018 5:00

Instrument :
BNA_F
ClientSampleId :
TP-5

Tot Ion:152 Resp: 73981
Ion Ratio Lower Upper
152 100
150 154.5 124.6 186.8
115 61.4 50.1 75.1



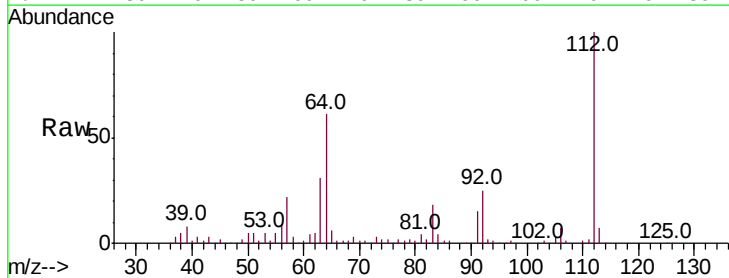
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



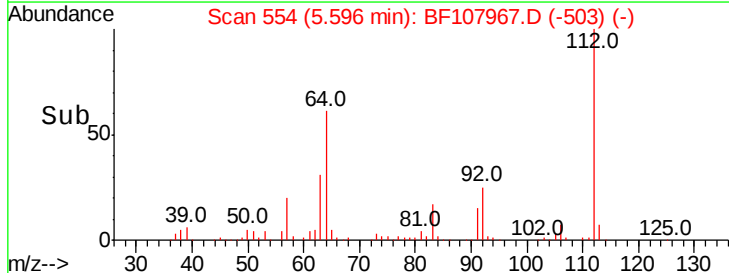
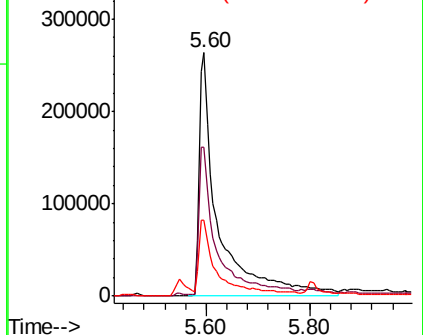
#5

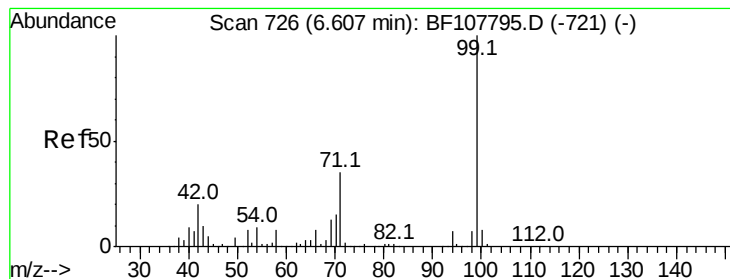
2-Fluorophenol
Concen: 152.422 ng
RT: 5.60 min Scan# 554
Delta R.T. 0.00 min
Lab File: BF107967.D
Acq: 4 Aug 2018 5:00

Tgt Ion:112 Resp: 663489
Ion Ratio Lower Upper
112 100
64 61.2 47.9 71.9
63 31.2 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 128.608 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107967.D

Acq: 4 Aug 2018 5:00

Instrument :

BNA_F

ClientSampled :

TP-5

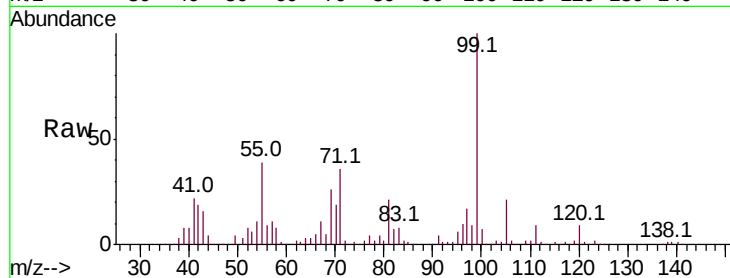
Tot Ion: 99 Resp: 737824

Ion Ratio Lower Upper

99 100

42 19.4 14.5 21.7

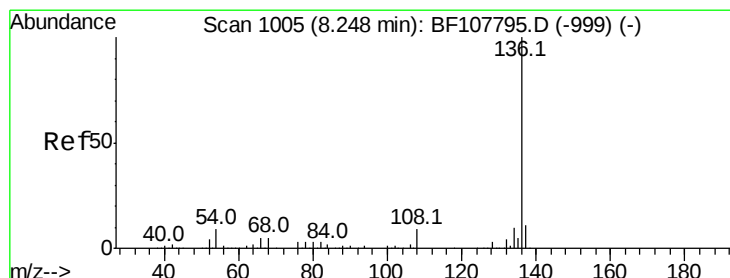
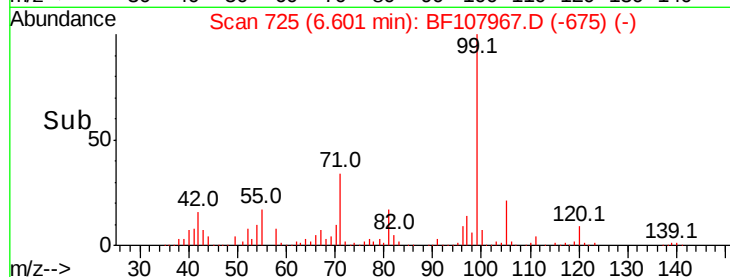
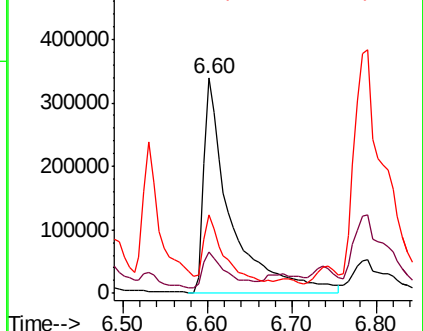
71 36.3 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.27 min Scan# 1009

Delta R.T. 0.02 min

Lab File: BF107967.D

Acq: 4 Aug 2018 5:00

Tgt Ion:136 Resp: 33248

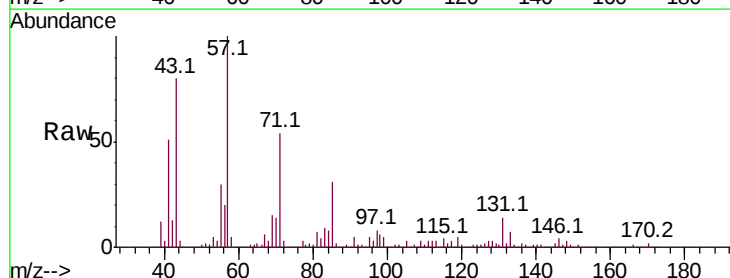
Ion Ratio Lower Upper

136 100

137 47.3 8.9 13.3#

54 195.2 6.6 9.8#

68 147.4 5.0 7.4#

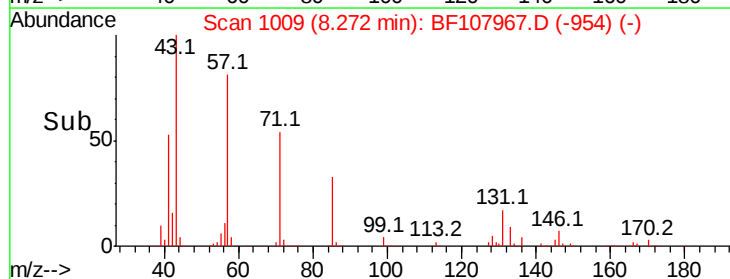
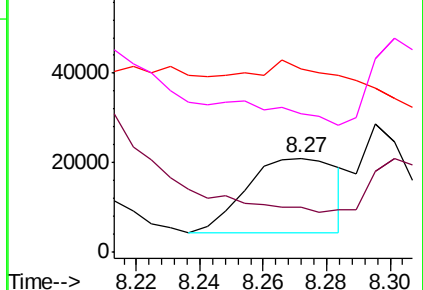


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

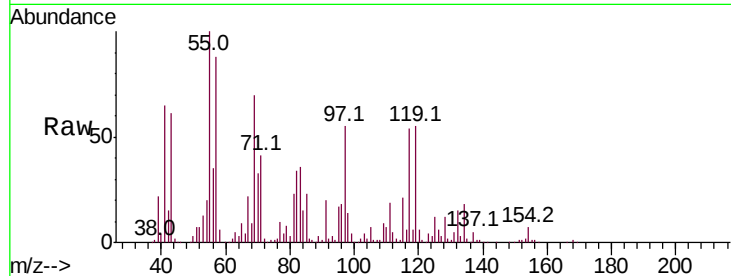




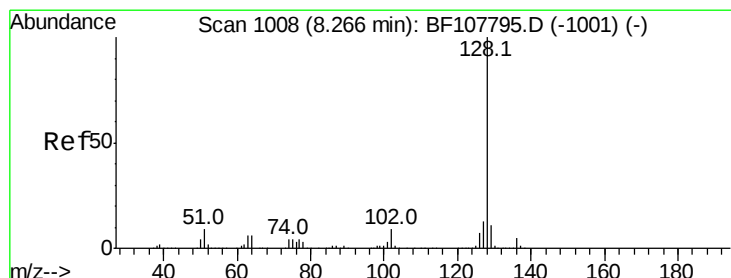
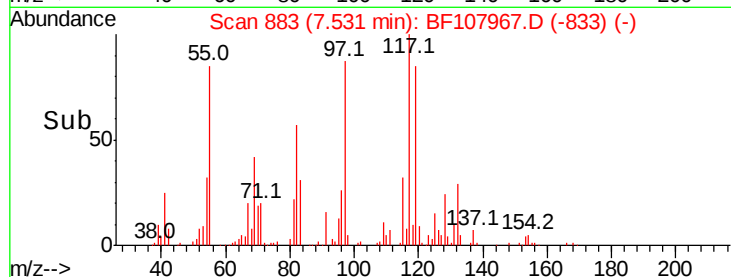
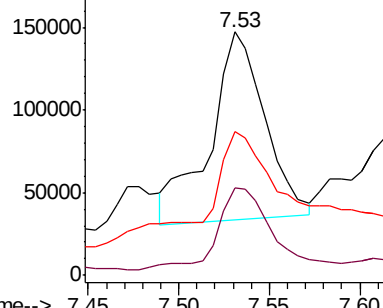
#23
Nitrobenzene-d5
Concen: 417.363 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF107967.D
Acq: 4 Aug 2018 5:00

Instrument :
BNA_F
ClientSampleId :
TP-5

Tot Ion: 82 Resp: 240868
Ion Ratio Lower Upper
82 100
128 36.0 36.1 54.1#
54 59.1 41.4 62.2

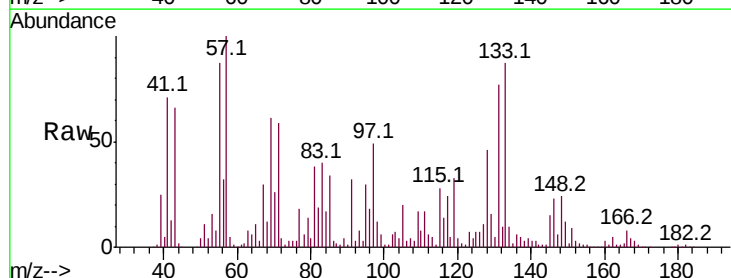


Abundance Ion 82.00 (81.70 to 82.70): BF1
200000 Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

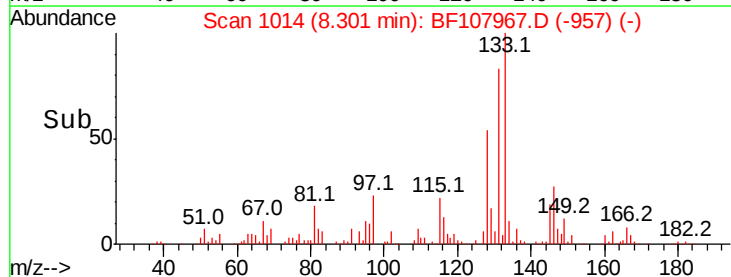
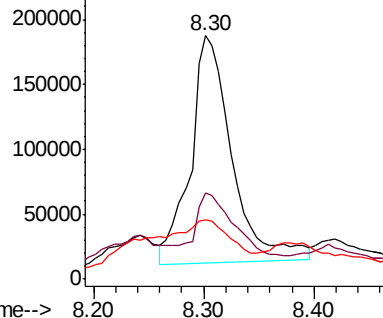


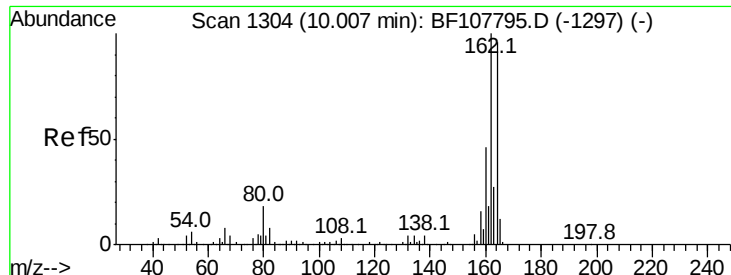
#31
Naphthalene
Concen: 296.009 ng
RT: 8.30 min Scan# 1014
Delta R.T. 0.04 min
Lab File: BF107967.D
Acq: 4 Aug 2018 5:00

Tgt Ion:128 Resp: 457485
Ion Ratio Lower Upper
128 100
129 35.4 8.8 13.2#
127 24.1 10.9 16.3#



Abundance Ion 128.00 (127.70 to 128.70): E
250000 Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.06 min Scan# 1313

Delta R.T. 0.05 min

Lab File: BF107967.D

Acq: 4 Aug 2018 5:00

Instrument :

BNA_F

ClientSampleId :

TP-5

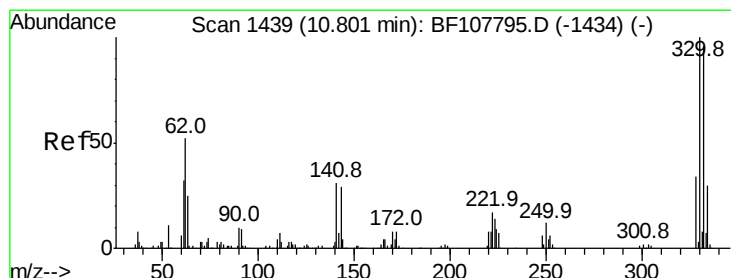
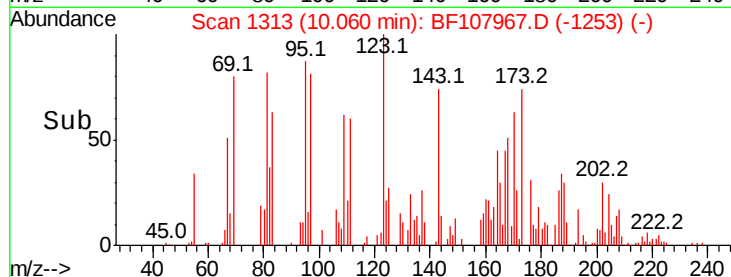
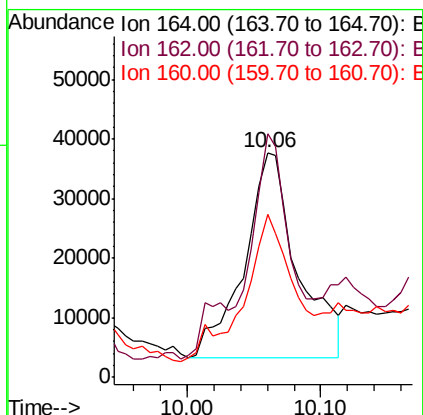
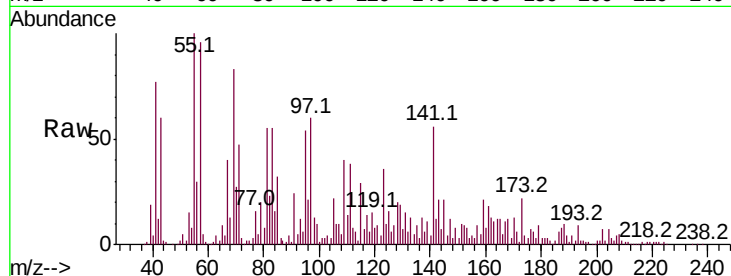
Tot Ion:164 Resp: 95849

Ion Ratio Lower Upper

164 100

162 108.3 86.1 129.1

160 72.3 38.3 57.5#



#41

2,4,6-Tribromophenol

Concen: 66.679 ng

RT: 10.85 min Scan# 1448

Delta R.T. 0.05 min

Lab File: BF107967.D

Acq: 4 Aug 2018 5:00

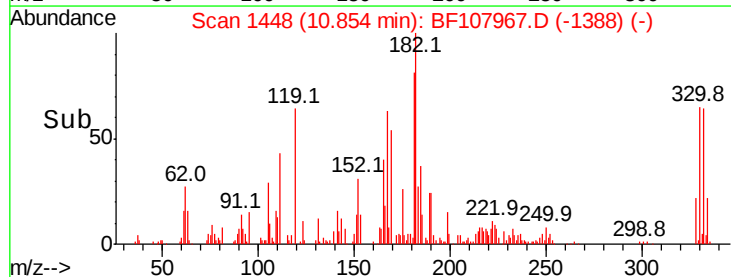
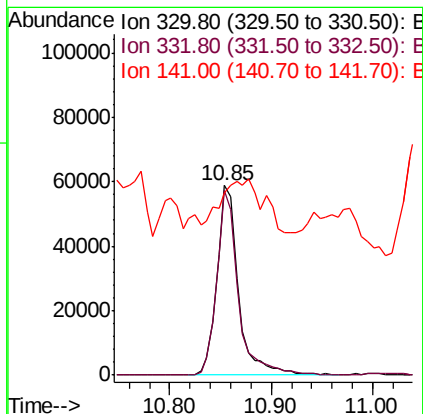
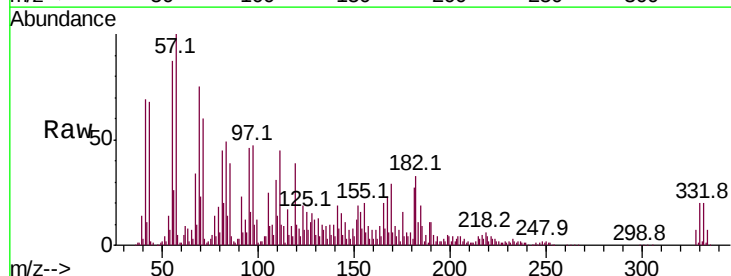
Tgt Ion:330 Resp: 86843

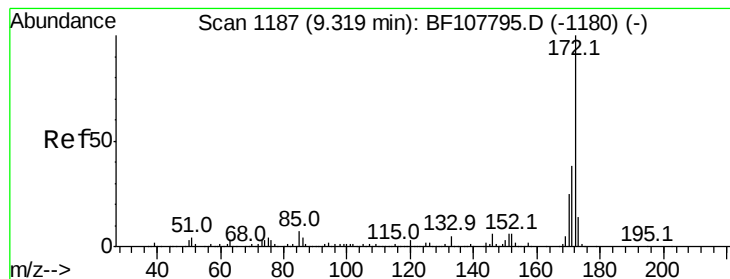
Ion Ratio Lower Upper

330 100

332 97.1 77.0 115.6

141 0.0 29.9 44.9#

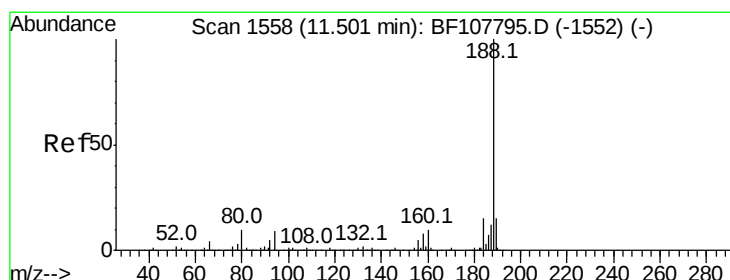
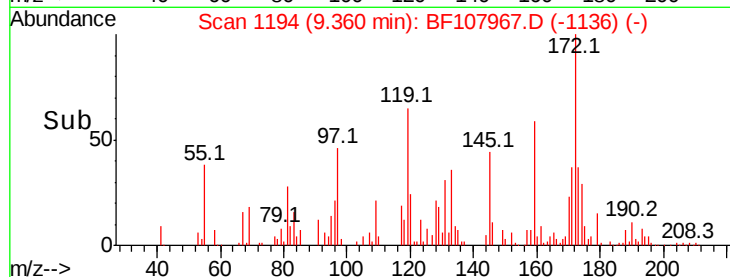
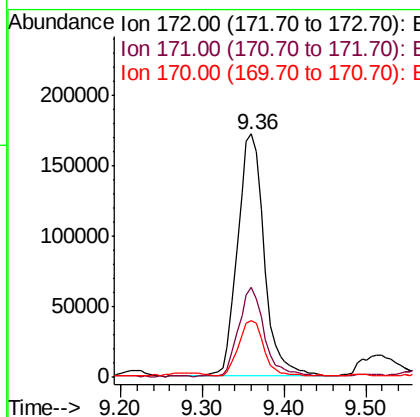
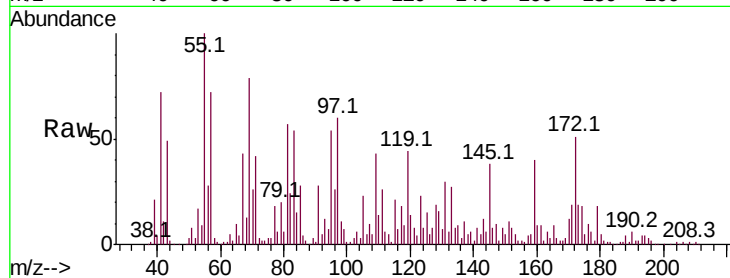




#44
 2-Fluorobiphenyl
 Concen: 56.909 ng
 RT: 9.36 min Scan# 1194
 Delta R.T. 0.04 min
 Lab File: BF107967.D
 Acq: 4 Aug 2018 5:00

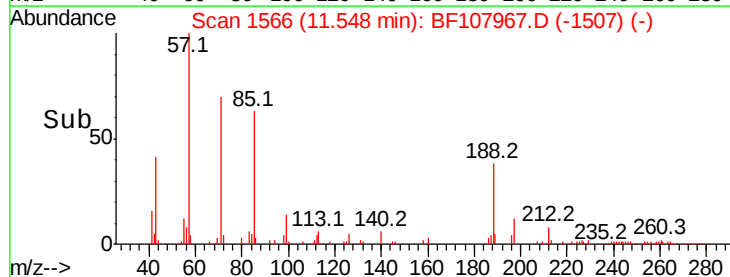
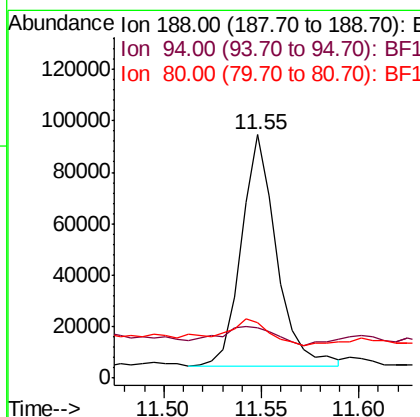
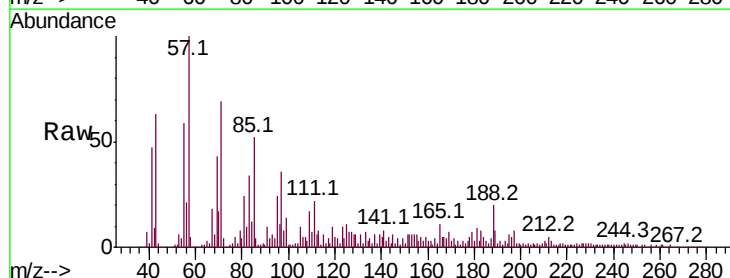
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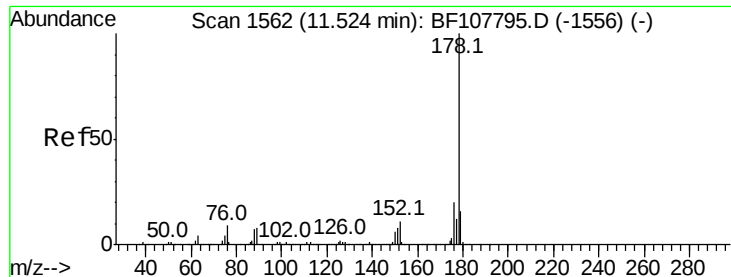
Tot Ion:172 Resp: 391437
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.7 44.5
 170 23.2 19.6 29.4



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.55 min Scan# 1566
 Delta R.T. 0.05 min
 Lab File: BF107967.D
 Acq: 4 Aug 2018 5:00

Tgt Ion:188 Resp: 111525
 Ion Ratio Lower Upper
 188 100
 94 20.9 8.5 12.7#
 80 22.8 9.2 13.8#

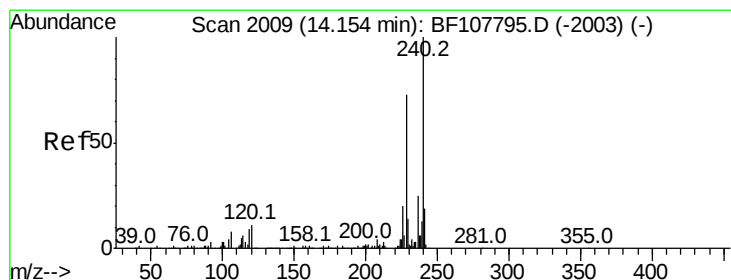
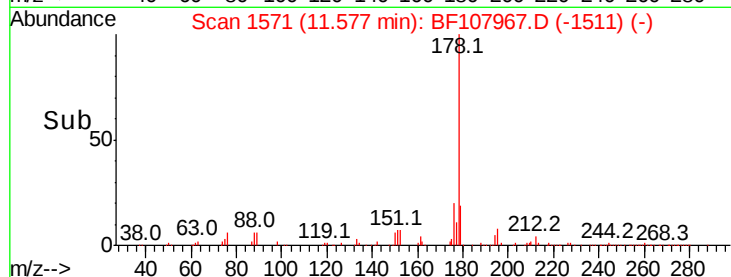
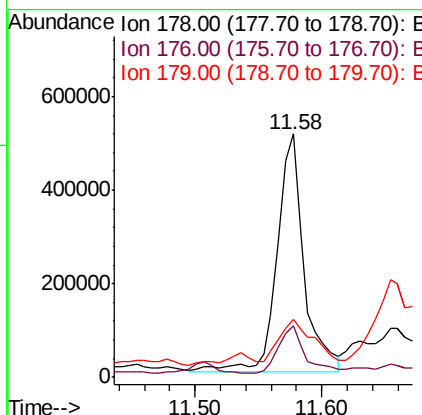
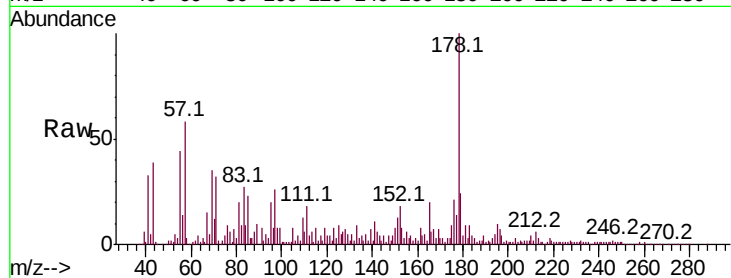




#70
 Phenanthrene
 Concen: 142.011 ng
 RT: 11.58 min Scan# 1571
 Delta R.T. 0.05 min
 Lab File: BF107967.D
 Acq: 4 Aug 2018 5:00

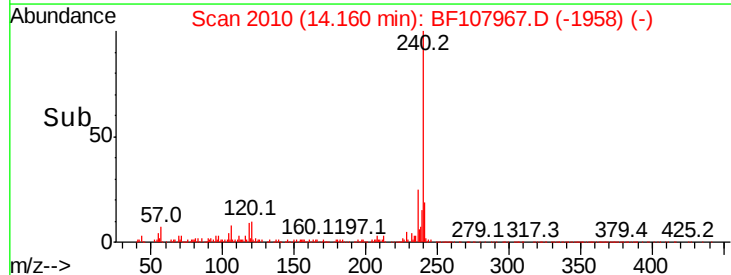
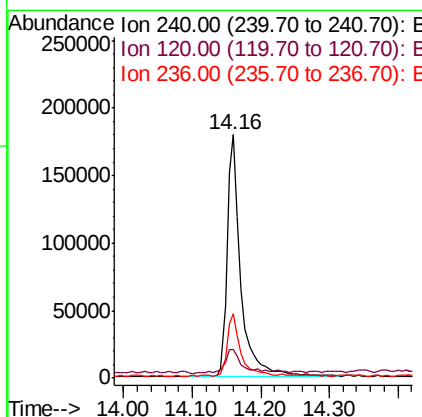
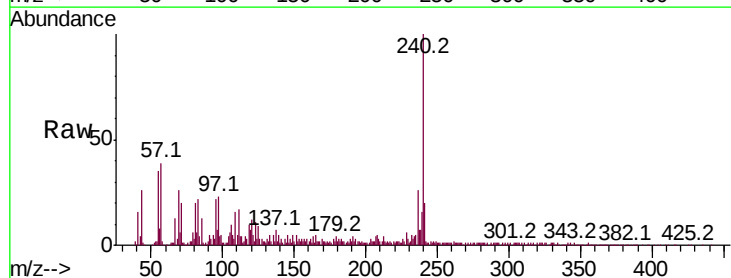
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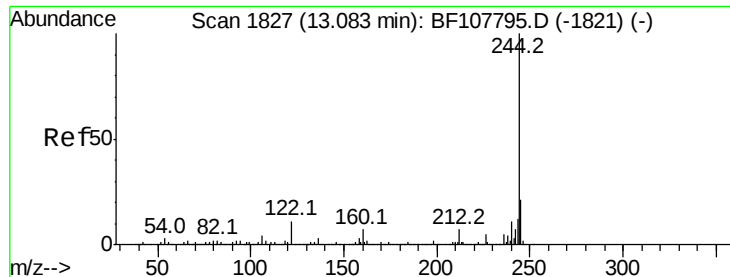
Tot Ion:178 Resp: 752026
 Ion Ratio Lower Upper
 178 100
 176 21.4 15.8 23.8
 179 23.6 13.0 19.6#



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.16 min Scan# 2010
 Delta R.T. 0.01 min
 Lab File: BF107967.D
 Acq: 4 Aug 2018 5:00

Tgt Ion:240 Resp: 254168
 Ion Ratio Lower Upper
 240 100
 120 11.8 9.5 14.3
 236 26.3 20.7 31.1

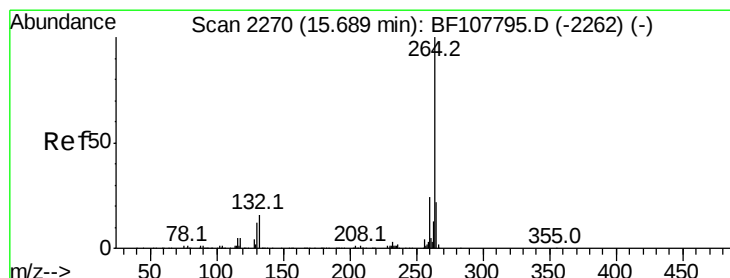
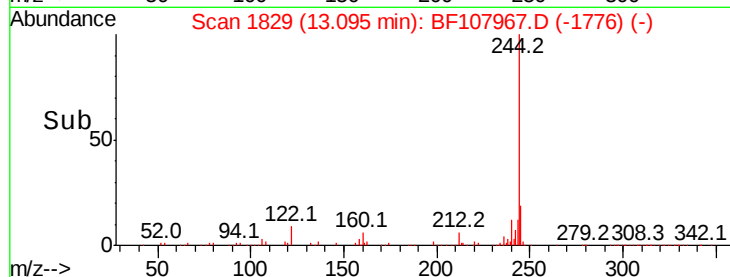
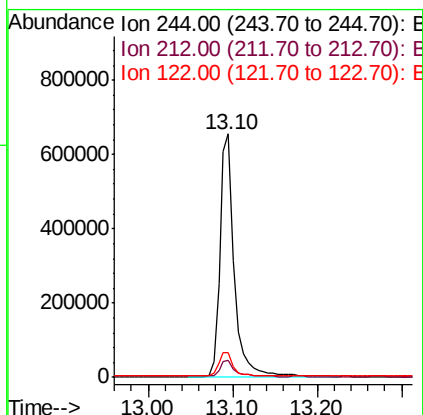
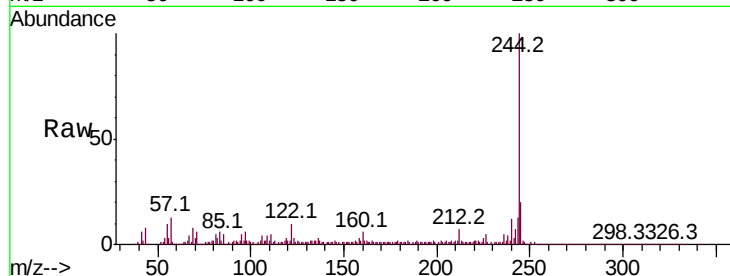




#78
 Terphenyl-d14
 Concen: 66.877 ng
 RT: 13.10 min Scan# 1829
 Delta R.T. 0.01 min
 Lab File: BF107967.D
 Acq: 4 Aug 2018 5:00

Instrument :
 BNA_F
 ClientSampleId :
 TP-5

Tot Ion:244 Resp: 783881
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.0
 122 10.1 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.70 min Scan# 2272
 Delta R.T. 0.01 min
 Lab File: BF107967.D
 Acq: 4 Aug 2018 5:00

Tgt Ion:264 Resp: 180020
 Ion Ratio Lower Upper
 264 100
 260 26.8 19.2 28.8
 265 22.5 17.5 26.3

